

AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A magnetic bearing control device for controlling a magnetic bearing for supporting a rotor in a non-contact manner, said magnetic bearing control device comprising:

a digital processor which controls said magnetic bearing using a magnetic bearing drive signal; and

a counter for accumulating and counting an actual work time of a designated managed component based upon said magnetic bearing drive signal,

wherein said digital processor performs a comparison between the accumulated actual work time of the managed component counted by said counter and a preset maintenance time, and outputs a signal indicating start of maintenance operation of said managed component on the basis of the result of the comparison.

Claim 2. (Original) The magnetic bearing control device according to claim 1, wherein said digital processor inhibits the activation of said magnetic bearing control device, after the accumulated actual work time of the managed component counted by said counter exceeds a preset limit time.

Claim 3. (Original) The magnetic bearing control device according to claim 1, wherein said digital processor comprises a function of said counter.

Claim 4. (Original) The magnetic bearing control device according to claim 2, wherein said digital processor comprises a function of said counter.